

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	11	("4624459"   "4871171"   "5318298"   "5342049"   "5393057"   "5397125"   "5409225"   "5560603"   "5788573"   "5848932"   "5947820").PN. OR ("6855052").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 08:16
L5	21	("20020193158"   "20030062678"   "20030064797"   "20030153377"   "3819186"   "5259616"   "5292127"   "5584763"   "5655961"   "5788573"   "5823874"   "5848932"   "6142873"   "6159098"   "6302790"   "6319125"   "6336863"   "6364767"   "6569015"   "6582303"   "6632139").PN. OR ("6793577").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 08:17
L6	84	("0810299"   "0941194"   "1543318"   "1652071"   "2043166"   "2141580"   "2660434"   "2799500"   "3796433"   "3843129"   "3975022"   "4240635"   "4743024"   "4837728"   "4948133"   "4964638"   "5016880"   "5048833"   "5184821"   "5249800"   "5280909"   "5286023"   "5292127"   "5318298").PN. OR ("5584763").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 08:19
L7	31	("4695053"   "5159098"   "5401024"   "6059658"   "6089976"   "6105962"   "6117009"   "6168523"   "6174234"   "6190255"   "6203428"   "6203429"   "6231442").PN. OR ("6364767").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 08:21
L8	90	("1892664"   "2246383"   "2565557"   "3941389"   "4492378"   "5188363"   "5332219"   "5496038"   "5553851"   "5607162").PN. OR ("6059658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 09:02
L9	90	("1892664"   "2246383"   "2565557"   "3941389"   "4492378"   "5188363"   "5332219"   "5496038"   "5553851"   "5607162").PN. OR ("6059658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:03

## EAST Search History

L10	58	("0887464"   "1138865"   "1376199"   "1474488"   "1537236"   "1977814"   "2081255"   "3166323"   "3843131"   "3853324"   "4732386"   "5096196"   "5102135"   "5513846"   "5553851"   "5823874").PN. OR ("6105962"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:11
L11	27	"6569015"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:12
L12	1	("6569015").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/03 11:12
L13	98	("3633915"   "4448419"   "4582324"   "4624459"   "4695053"   "4991848"   "5178390"   "5205555"   "5342047"   "5382023"   "5456465"   "5524888"   "5536016"   "5542669"   "5560603"   "5584763"   "5611535"   "5711525"   "5769716"   "5772509"   "5775692"   "5788573"   "5823874"   "5833538"   "5848932"   "5851147"   "5851148"   "5873781"   "5882261"   "5902184"   "5911418"   "5947820"   "5951397"   "5964463"   "5967894"   "5980384"   "5984781"   "5997400"   "5997401"   "6004207"   "6015346"   "6019369"   "6033307"   "6056642"   "6059289"   "6059658"   "6062980"   "6068552"   "6089976"   "6089977"   "6089978"   "6093102"   "6102798"   "6120031"   "6126541"   "6126542"   "6142873"   "6142874"   "6142875"   "6146270"   "6146273"   "6159095"   "6159096"   "6159097"   "6159098"   "6162121"   "6168520"   "6168523"   "6173955"   "6174233"   "6174235"   "6190254"   "6190255"   "6203429"   "6210279"   "6213876"   "6224483"   "6231442"   "6231445"   "6261177"   "6302790"   "6305686"   "6309300"   "6328649"   "6375187").PN. OR ("6569015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:44
L14	0	inioue.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:44

## EAST Search History

L15	1	ini.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:45
L16	0	ineiou.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:45
L17	34	ine.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:45
L18	14191	inoue.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:46
L19	0	inoue.in. near Har	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:46
L20	75	inoue.in. with Haruo	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 11:47
L21	28	("5462277"   "6105962"   "6113098").PN. OR ("6398220"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 14:17
L22	38	("1892664"   "2036718"   "2065424"   "2077124"   "2253787"   "2283583"   "2370229"   "3913919"   "3975022"   "4077631"   "4149728"   "4247114"   "4346900"   "4941665"   "5102135"   "5118110"   "5133559"   "5232222"   "5540442"   "5584763"   "5636838"   "5785596"   "D106967"   "D275116").PN. OR ("6217022"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 14:30
L23	31	("1445891"   "1481628"   "3850434"   "3904208"   "3977679"   "D055858").PN. OR ("4346900"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/03 14:34
S1	1	("20050054421").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 11:01
S2	3	((("20050054421") or ("6692355") or ("6336860"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 11:01

## EAST Search History

S3	87	( "3633915"   "4448419"   "4582324"   "4624459"   "4695053"   "4991848"   "5178390"   "5205555"   "5342047"   "5382023"   "5456465"   "5524888"   "5536016"   "5542669"   "5560603"   "5584763"   "5611535"   "5711525"   "5769716"   "5772509"   "5775692"   "5788573"   "5823874"   "5833538"   "5848932"   "5851147"   "5851148"   "5873781"   "5882261"   "5902184"   "5911418"   "5947820"   "5951397"   "5964463"   "5967894"   "5980384"   "5984781"   "5997400"   "5997401"   "6004207"   "6015346"   "6019369"   "6033307"   "6056642"   "6059289"   "6059658"   "6062980"   "6068552"   "6089976"   "6089977"   "6089978"   "6093102"   "6102798"   "6120031"   "6126541"   "6126542"   "6142873"   "6142874"   "6142875"   "6146270"   "6146273"   "6159095"   "6159096"   "6159097"   "6159098"   "6162121"   "6168520"   "6168523"   "6173955"   "6174233"   "6174235"   "6190254"   "6190255"   "6203429"   "6210279"   "6213876"   "6224483"   "6231442"   "6231445"   "6261177"   "6302790"   "6305686"   "6309300"   "6328649"   "6375187").PN. OR ("6692355").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:00
S4	174	( "4448419"   "4711451"   "4805907"   "4837728"   "4964638"   "4998199"   "5102134"   "5188363"   "5209479"   "5259616"   "5344144"   "5393061"   "5409225").PN. OR ("5788573"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:33
S5	82	"5259616"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:33
S6	82	"5259616"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:33
S7	3	(( "5259616") or ("6659863") or ("6644664")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 15:34

## EAST Search History

S8	79	("4573681"   "4991848").PN. OR ("5259616").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:42
S9	1	"2333880"	EPO; JPO	OR	OFF	2006/05/02 16:55
S10	2	(("2333880") or ("2170938") or ("0375190") or ("0219305")).PN.	EPO; JPO	OR	OFF	2006/05/02 16:56
S11	2	(("2333880") or ("2170938")).PN.	EPO; JPO	OR	OFF	2006/05/02 17:02
S12	0	("375190A2").PN.	EPO; JPO	OR	OFF	2006/05/02 17:02
S13	0	("EP375190").PN.	EPO; JPO	OR	OFF	2006/05/02 17:02
S14	0	("0375190").PN.	EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:02
S15	0	("375190A2").PN.	EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:02
S16	0	("EP375190").PN.	EPO; JPO; DERWENT	OR	OFF	2006/05/02 17:03
S17	0	("0375190").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:03
S18	0	("EP375190A2").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:03
S19	2	("3751902").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:04
S20	0	("375190A").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:04
S21	0	("Lee.in.").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:04
S22	19534	Lee.in.	EPO	OR	OFF	2006/05/02 17:05
S23	187	Lee.in. near Michael	EPO	OR	OFF	2006/05/02 17:06
S24	3	Lee.in. near Michael near Thomas	EPO	OR	OFF	2006/05/02 17:07
S25	83	wain.in.	EPO	OR	OFF	2006/05/02 17:07
S26	34	wain.in. near john	EPO	OR	OFF	2006/05/02 17:07
S27	30	wain.in. near john near laurence	EPO	OR	OFF	2006/05/02 17:09
S28	1	("2333880").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 17:10
S29	4	("2333880").PN.	EPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 17:10